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File:DERWENT

June 21, 1999

DERWENT-ACC-NO: 1985-116758

DERWENT-WEEK: 198520

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**TITLE:**

Deep water rig platform driven pile - has surrounding telescopic tubes, with filled intervening cavities and support connection via guide rings

INVENTOR:BREUER, B; ISENBERG, W

PATENT-ASSIGNEE: HOCHTIEF AG[HOCG], MAN MASCHFAB AUGSBURG-NUERNBERG[MAUG]

PRIORITY-DATA: 1983DE-3338135 (October 20, 1983)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 3338135 A</u>	May 9, 1985	N/A	008	N/A

**APPLICATION-DATA:**

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DE 3338135A	N/A	1983DE-3338135	October 20, 1983

IPC: E02B017/00; E02D005/52

ABSTRACTED-PUB-NO:DE 3338135A

BASIC-ABSTRACT:A pile (5) is concentrically enclosed by telescopic tubes (7). The cavities (10) between pile and tubes are sealable by inflatable hose seals, or other sealing agents (8a,8b) at both ends of the tubes. With the tubes unfolded the cavities are filled with a cast substance. An outer tube is connected with a supportive structure (1), at its top and bottom ends, via two or more guiding rings (2,3). ADVANTAGE - Pile driving can be accomplished in a soft base, into load bearing strata at great depths under the sea bed, with adequate transverse rigidity ensured.

CHOSEN-DRAWING:Dwg.1/3

**TITLE-TERMS:**

DEEP WATER RIG PLATFORM DRIVE PILE SURROUND TELESCOPE TUBE FILLED  
INTERVENING CAVITY SUPPORT CONNECT GUIDE RING

DERWENT-CLASS: H01 Q42

CPI-CODES: H01-B01;

**SECONDARY-ACC-NO:**

CPI Secondary Accession Numbers:C1985-050537

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